2466

U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

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COAST AND . JUL 2 11 55 AM 190 DEPARTMENT OF COMMERCE AND LABOR, FILE: EFERRED: U. S. C. & G. SURVEY. ASS. Coast and Geodetic Survey. 0. H. Tittmann, Supt. Acc. No.2466 State: Porto Rico. DESCRIPTIVE REPORTA Hydrographic Sheet No. 2466-6. LOCALITY: North Coast of Porto Rico. 1904 CHIEF OF PARTY: P. A. Welker, Assistant.

POST-OFFICE ADDRESS: See Address at Office.

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

U. S. COAST AND GEODETIC SURVEY. Str. "BACHE",
Baltimore, Maryland,
July 18th., 1904.

Mr. O. H. Tittmann,

Superintendent, Coast and Geodetic Survey, Washington, D.C.

Sir:

In obedience to Instructions and Memoranda for Descriptive Reports, 1887, I have the honor to submit the following report on Hydrographic Sheet No. 2466-7.

- 2. The work consists of a special examination for an obstruct ion in the entrance to San Juan Harbor, Porto Rico, the existence of which was reported by Assistant J.B. Boutelle of the Coast and Geodetic Survey and Captain J.L. Sargent of the New York and Porto Rico Steamship Company's Steamer "COAMO".
- 3. The obstruction was found to be a rock, with the least depth of 24 feet ower it, and lies just inside of a line between the two outer buoys, about 60 metres to the west of the line of the range beacons for entering the harbor. A vessel entering upon a course with the west side of the front range beacon tangent to the east side of the rear range beacon will pass very close, if not directly over the obstruction.

- 4. A.diver was engaged to examine the obstruction and reported that it could easily be removed.
 - 5. No further descriptive report is considered necessary.

Very respectfully,

P. A. Welke.
Assistant, C.& G. Survey,
Commanding.